[Diesel Technology – Heavy Duty Break Mechanic](https://bluegrass.kctcs.edu/education-training/program-finder/diesel-technology.aspx)

Certificate

Coordinator: Aaron N. Harlow ([aaron.harlow@kctcs.edu](mailto:aaron.harlow@kctcs.edu)) 859-246-6774

Student Name: Student ID:

*Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

Semester 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| DIT 180 Brakes | 3 |  |  | Coreq: DIT 181 |  |
| DIT 181 Brakes Lab | 2 |  |  | Coreq: DIT 180 |  |
| Diesel Courses OR  Industrial Education Core Course | 7 |  |  |  |  |
| Total Semester Credit Hours | 12 |  |  |  |  |
| Total Certificate Credit Hours | 12 |  |  |  |  |

**Graduation Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Cumulative GPA must be 2.0 or higher.

Advisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Information**

* DIT 180 and DIT 181 are offered in the Spring semester only.
* The Diesel Technology program is currently on a two-year rotation cycle beginning in Fall 2020 and enrolling new students every other year.
* Enrollment into the program is limited. Interested students must contact the Diesel Technology Program Coordinator.
* Students cannot enroll in any DIT or ADX course without the permission of the Diesel Technology Program Coordinator.
* Students must earn a grade of C or better to receive credit for successful completion of courses in the Diesel Technology curriculum.

**Course Rotation Schedule**

|  |  |  |
| --- | --- | --- |
| Course | Fall | Spring |
| ADX 120 & ADX 121 Basic Automotive Electricity & Lab | X |  |
| DIT 103 Preventative Maintenance Lab | X |  |
| DIT 110 & DIT 111 Introduction to Diesel Engines & Lab | X |  |
| DIT 160 & DIT 161 Steering and Suspension & Lab |  | X |
| DIT 180 & DIT 181 Brakes & Lab |  | X |
| ADX 170 & ADX 171 Climate Control & Lab | X |  |
| DIT 112 & DIT 113 Diesel Engine Repair & Lab | X |  |
| DIT 150 & DIT 151 Power Trains & Lab |  | X |

*Reviewed by: Aaron Harlow Effective Term: Fall 2021*

*Review Date: 03-01-2021*